

United States
Department of the Interior
Osage Indian Agency
Pawhuska, Oklahoma

Date: June 13, 2012

Application For the Operation or Report on Wells

North Burbank Unit Tract 16

(Commencement money paid to whom)

(Date)

(Amount)

Well No.: 12 is located 980 Ft. from N line and 300 Ft. from E line

SE/4 Sec 11

27N

05E

Osage County, Oklahoma

(1/4 Sec. & Sec. No.)

(Twp)

(Range)

The elevation of the ground level above sea level is 1156 Ft.**Use This Side to Request Authority for Work**

(Three Copies Required)

Notice of Intention To:

- Drill..... ☐
 Plug..... ☐
 Deepen or plug back.. ☐
 Convert..... ☐
 Pull or alter casing..... ☐
 Formation Treatment.. ☐
 ☐

Details of Work

Drilling applications will state proposed TD & horizons to be tested. Show size & length of casings to be used. Indicate proposed mudlogging, cementing & other work.

Plugging applications shall set forth reasons for plugging & detailed statement of proposed work.

Plugging will not commence until 10 days following approval date unless authority granted for earlier commencement.

A \$15.00 plugging fee is also required with each application to plug.

_____ Bbls oil _____ Bbls water in 24 hrs

I understand that this plan of work must receive approval in writing of the Osage Indian Agency before operations may be commenced.

Lessee:

Signature: _____

Title: _____

Address: 701 Cedar Lake Blvd., Oklahoma City, Oklahoma 73114**Use This Side To Report Completed Work**

(One Copy Required)

Character of Well (oil, gas or dry) Shut in- Oil

Subsequent Report of:

- Conversion..... ☐
 Formation Treatment.. ☐
 Altering casing..... ☒
 Plugging Back..... ☐
 Plugging..... ☐

Details of Work & Results Obtained

MIRU. TIH w/7" scraper to 2777'. POOH w/same. TIH w/5-1/2" scraper to 3005'. POOH w/scraper. RU Elite WL. Set 5-1/2" CIBP @ 2965'. Shot 2 holes @ 2955', 2945', 2900', 2880', 2850', 2820', 2790', 2770', 2750', 500' & 400'. RD WL Elite. RIH w/tbg to plug @ 2965'. RU BSC. Spotted 40 sks reg cmt. POOH w/tbg. WOC. RIH w/tbg & tagged cmt @ 2729'. POOH w/tbg. RIH w/6-1/4" bit. RU Power Swivel. Drilled cmt out to 2777'. Circ hole clean. TIH w/67 jts 15.50# 5-1/2" csg, bottom 3 jts are chrome. Set floatshoe @ 2768' & port collar @ 478'. (OVER)

Work commenced: 4/10/2012Work completed: 4/24/2012

(Continue on reverse if necessary)

This block for plugging information only**Casing Record**

Size	In Hole When Started	Amf. Recovered	If Parted Depth	How

Original TD _____

Lessee: Chaparral Energy, L.L.C.By: Erwin Pino
Regulatory EngineerSubscribed and sworn to before me this 13th day of June, 2012.

16

RU BSC. Pumped 150 sks reg w/2% gel followed w/50 sks reg cmt. TIH w/opening tool to port collar @ 478'. Opened port collar & pumped 600 sks reg cmt in 5-1/2" + 7" + 8-5/8" & 20" annulus and bring cement to surface. Closed port collar & pressured up csg to 500 psi. RIH w/4-3/4" bit. RU Power Swivel. Drilled out floatshoe @ 2768', drilled out cmt to 2965', drilled out 5-1/2" CIBP & ran bit to TD @ 3054'. Circ hole clean. POOH w/BHA. RU Elite WL. Ran GR/CBL from 2984' to surface, had cmt from 2955' to 2370', no cement from 2370' to 1480', cmt from 1480' to 1380', no cmt from 1380' to 1110', cmt from 1110' to 80'. RD WL. TIH w/5-1/2" X-1 Arrow set stainless pkr w/on & off tool on top & stinger on 2-3/8" tbg Tuba Koated tbg. Pumped pkr fluid & set pkr @ 2765', pressured up csg to 300 psi, held. Will put back on production when needed for CO2 flood.

CHAPARRAL ENERGY, L.L.C.

LEASE NBCU

SEC _____ TWP _____ RANGE _____ WELL# 16-12

DATE 4-12-12

JOB DESCRIPTION CEMENT BOTTOM Plug

Run Tubing TO BOTTOM, Pump HO SK REG. CEMENT
FOR BOTTOM Plug. DISPLACE CEMENT WITH 16 BBL WATER.

PW14951

EQUIPMENT ON LOCATION

Rig# E2518

Pump Truck E6973

Bulk Truck E6972

Bulk Truck _____

Water Truck E6951

Water Truck _____

MATERIAL USED ON JOB

HO SK REG CEMENT

CHAPARRAL ENERGY, L.L.C.

LEASE NBUSEC _____ TWP _____ RANGE _____ WELL# 16-12DATE 4-18-12JOB DESCRIPTION CEMENT $5\frac{1}{2}$ LINER WITH PORT COLLAR

Hook up TO $5\frac{1}{2}$ PUMP 75 BBL GEL WATER. PUMP
 150 SK REG CEMENT WITH 20% GEL AND 50 SK REG. CEMENT.
 WASH OUT LINES. DROP WIPER PLUG. DISPLACE PLUG WITH 65
 BBL WATER. LAND PLUG AT 1600 PSI. TEST PLUG PLUG HEFT.

Run Tubing TO PORT COLLAR OPEN PORT COLLAR. PUMP WATER
 TILL CIRCULATION, PUMP 600 SK REG CEMENT CIRCULATE
 CEMENT UP 7' AND $8\frac{5}{8}$ AND 20" PIPE. CLOSE PORT COLLAR
 Run 4 JT Tubing RE CIRCULATE CEMENT OUT OF CASING.
 WITH 40 BBL WATER. Pull Tubing.

PW 149.51

EQUIPMENT ON LOCATION

Rig# E2518Pump Truck E6984Bulk Truck E6985Bulk Truck E6972Water Truck E6950Water Truck E6951

MATERIAL USED ON JOB

19 SK GEL.

800 SK REG. CEMENT.



BELL SUPPLY COMPANY

SoldBy: Bell Supply Co, LLC Bell Supply Co.-
Bell Supply Co.- Pawhuska
25489 SH 99
Pawhuska, OK 74056

Sales Order No.: PW14951
Order Date: 04/24/12
Shipment Date: 04/24/12
Salesperson: DDH

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SALES ORDER

Loc #: 982

Store #:982

Store Name: PAWHUSKA

Customer:
CHAP EN
CHAPARRAL ENERGY
701 CEDAR LAKE BLVD C
OKLAHOMA CITY, OK 73114
USA

Ship to:
CHAPARRAL ENERGY
, OK
USA

Customer PO:
Job No.:
AFE Number: 10CW074
Lease / Well#: 16-12

Sell to Contact: JAMES WILHELM

Phone #:

Line #	Qty	Description	Item No.	Unit	List Price	Disc %	Net Price	Ext Price
001	840	BULK--94# SACK PORTLAND CEMENT	GCS02199094	Each	8.69		8.69	7,299.60
002	19	50# SACK HYG 200 BENTONITE	GCS01091050	Each	9.36		9.36	177.84

FOR OFFICIAL USE ONLY:

Signature *Debra Hartness*

Printed Name *Debra Hartness*

Date of Delivery *4/12/12*

Net Order: 7,477.44
Freight: 0.00

Total Sales Tax: 429.95

Total: 7,907.39

Authorized Signature

Date

Signature

Date

